

October 18, 2018



U.S. Department
of Transportation

East Building, PHH-30
1200 New Jersey Avenue S.E.
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

DOT-SP 12855
(TWELFTH REVISION)

EXPIRATION DATE: 2022-09-30

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Kraton Polymers U.S. LLC
Belpre, OH
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes one-way transportation in commerce of non-DOT specification pressure vessels (stainless steel heat and/or carbon steel heat exchangers) containing the residue of a Class 3 material by motor vehicle. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein. The most recent revision supersedes all previous revisions.
 - b. The safety analyses performed in development of this special permit only considered the hazards and risks associated with transportation in commerce.
 - c. No party status will be granted to this special permit.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §§ 173.242 and 173.243 in that a non-DOT specification pressure vessel (stainless steel and/or carbon steel heat exchanger) is not authorized for transportation except as specified herein; and § 172.302(c) in that the marking requirements are waived.

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5. BASIS: This special permit is based on the application of Kraton Polymers U.S. LLC, dated October 10, 2018, and submitted in accordance with § 107.109.
6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identi- fication Number	Packing Group
Flammable liquids, n.o.s.*	3	UN1993	II
Flammable liquids, corrosive, n.o.s.*	3	UN2924	II

*Technical name must be added as required by 49 CFR 172.203(k).

SAFETY CONTROL MEASURES:

- a. PACKAGING: Prescribed packagings are:

(1) Non-DOT specification "U" stamped pressure vessels (stainless steel heat exchangers) that are constructed in accordance with Section VIII Division 1 of the ASME Code. Each pressure vessel must have been successfully hydrostatically tested to no less than 50 psig.

(2) Non-DOT specification pressure vessels (carbon steel shipping tubes) that are constructed in accordance with Section VIII Division 1 of the ASME Code. Each pressure vessel must have been successfully hydrostatically tested to no less than 50 psig.

(3) When no corrosive residue is present, tube bundles that have been thoroughly steamed and/or purged with hot nitrogen to remove any free flowable hydrocarbon may be securely wrapped in tarps for shipment.

- b. OPERATIONAL CONTROLS -

(1) A positive nitrogen atmosphere, not to exceed 10 psig, must be maintained in the shell of each pressure vessel.

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(2) Authorization is for the transportation of non-DOT specification pressure vessels (stainless steel/carbon steel heat exchangers) for cleaning and decontamination from Belpre, OH to:

(i) Dunn Heat Exchangers, Texas City, TX, and Bay City, TX;

(ii) National Heat Exchange, Cleveland, OH;

(iii) Alfa Laval, Lykens, PA; and

(iv) Tech Sonic Sherwood Park, Alberta, Canada.

(3) Only one shipment under paragraph 7.b.(2)(iv) is authorized.

(4) Only a contract carrier under the exclusive use of the shipper may be used.

(5) Each pressure vessel must be secured to the motor vehicle in accordance with the requirements of §§ 393.100 through 393.106.

8. SPECIAL PROVISIONS:

a. A current copy of this special permit must be maintained at each facility where the package is offered for transportation.

b. The special permit number, "DOT-SP 12855", must appear on the shipping papers.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each motor vehicle used to transport packages covered by this special permit.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this special permit and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.

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- o Persons operating under the terms of this special permit must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this special permit must receive training on the requirements and conditions of this special permit in addition to the training required by §§ 172.700 through 172.704. No person may use or apply this special permit, including display of its number, when this special permit has expired or is otherwise no longer in effect.

Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)- 'The Hazardous Materials Safety and Security Reauthorization Act of 2005' (Pub. L. 109-59), 119 Stat. 1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term "exemption" to "special permit" and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 - Immediate notice of certain hazardous materials incidents, and 171.16 - Detailed hazardous materials incident reports. In addition, the grantee(s) of this special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:



for William Schoonover
Associate Administrator for Hazardous Materials Safety

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Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Material Safety Administration, U.S. Department of Transportation, East Building PHH-30, 1200 New Jersey Avenue, Southeast, Washington, D.C. 20590.

Copies of this special permit may be obtained by accessing the Hazardous Materials Safety Homepage at http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm. Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: Andrew Eckenrode